

# METHOD AND SYSTEM FOR ACCELERATING ROUTE CALCULATION IN LINK STATE ROUTING PROTOCOLS

## ABSTRACT OF THE DISCLOSURE

5 A method for performing route calculations in a link state routing protocol  
at a node within a computer network. The method includes evaluating existing  
routes of the node when new route information is received and recalculating  
routes for the node only when the new route information improves at least one of  
the existing routes or at least one of the existing routes is made worse or lost. A  
system for performing route calculations is also disclosed.

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